



NAPIT Electrical Certificate Installation/Modification

Requirements for Electrical Installations – BS 7671: 2008
incorporating Amendment No.3, 2015 [IET Wiring Regulations 17th Edition]
All items inspected to confirm as appropriate, compliance with the relevant clauses in BS7671

NA/EIC

530675

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1 Details of the Installation

Client	LAZULI INVESTMENTS LTD
Address	SUITE 8, EALING HOUSE, 33 HANGER LANE LONDON W5 3HS
Postcode	

Installation (If different from client)	
Address	24 SIDNEY GROVE NEWCASTLE
Postcode	NE4 5PD

2 Description, extent and limitations of the Installation (note 5)

Installation is	New <input checked="" type="checkbox"/> Addition <input type="checkbox"/> Alteration <input type="checkbox"/>	Records available	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Date of original Installation	
Description of installation	POWER & LIGHTING FOR DOMESTIC REWIRE				
Extent of installation covered by this Certificate	ALL FIXED WIRING				
Details of departure from BS7671 (Regulations 120.3 and 133.5)					
Details of permitted exceptions. [Regulation 411.3.3] Where applicable a suitable risk assessment[s] must be attached to this certificate					
Risk assessment attached <input type="checkbox"/>					

3 For design, construction, inspection and testing (for sole person responsibility.) (for multiple persons responsibility complete sec. 4,5,15)

I being the person responsible for design, construction, inspection and test of the electrical installation (as indicated by my signature below), particulars of which are described in Section 2, having exercised reasonable skill and care when carrying out the design, construction, inspection and test hereby CERTIFY that the design, construction, inspection and test for which I have been responsible is to the best of my knowledge and belief in accordance with BS 7671:2008, amended to 2018 (date)
The extent of liability of the signatory or the signatories is limited to the work described in Section 2 as subject of this certificate.
For the DESIGN / CONSTRUCTION / INSPECTION AND TEST of the installation:

Company name	P.H ELECTRICAL SERVICES
Installer	P. HENRY
Company address	13 BALLIOL GARDENS BENTON, NEWCASTLE
Postcode	NE7 7LT

Signature	P. Henry
Position	WSPECTOR
Date	09/06/2021
NAPIT membership No.	7048

4 For construction (if different from sec. 3)

I being the person responsible for construction of the electrical installation (as indicated by my signature below), particulars of which are described in Section 2, having exercised reasonable skill and care when carrying out the construction hereby CERTIFY that the construction work for which I have been responsible is to the best of my knowledge and belief in accordance with BS7671:2008, amended to (date)
The extent of liability of the signatory or the signatories is limited to the work described in Section 2 as subject of this certificate.
For the CONSTRUCTION of the Installation:

Company name	
Installer	
Company address	AS ABOVE
Postcode	

Signature	
Position	
Date	
NAPIT membership No.	

5 For inspection and testing (if different from sec. 3)

I being the person responsible for the inspection and testing of the electrical installation (as indicated by my signature below), particulars of which are described in Section 2, having exercised reasonable skill and care when carrying out the inspection and testing hereby CERTIFY that the work for which I have been responsible is to the best of my knowledge and belief in accordance with BS7671 :2008, amended to (date)
The extent of liability of the signatory or the signatories is limited to the work described in Section 2 as subject of this certificate.
For the INSPECTION AND TESTING of the Installation:

Company name	
Inspector	
Company address	AS ABOVE
Postcode	

Signature	
Position	
Date	
NAPIT membership No.	

Next inspection I/We the designer(s) recommend that this Installation is further inspected after an interval of not more than 5 years/months



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6 For Designer 1 (if different from sec.3)

Company name	
Designer	
Address	
Postcode	
Date	NAPIT Membership No.

I/We being the person(s) responsible for design of the electrical installation (as Indicated by my/our signature below), particulars of which are described In Section 2, having exercised reasonable skill and care when carrying out the design hereby CERTIFY that the design work for which I/We have been responsible Is to the best of my/our knowledge and belief in accordance with BS7671:2008, amended to (date)

Signature

For Designer 2** (if applicable & different from sec.3)

Company name	
Designer	
Address	
Postcode	
Date	NAPIT Membership No.

I/We being the person(s) responsible for design of the electrical installation (as indicated by my/our signature below), particulars of which are described in Section 2, having exercised reasonable skill and care when carrying out the design hereby CERTIFY that the design work for which I/We have been responsible Is to the best of my/our knowledge and belief In accordance with BS7671:2008, amended to (date)

Signature

7 Supply characteristics and earthing arrangements

Earthing Arrangements TN-S ☐ TN-C-S ☒ TT ☐ Other ☐ Please specify:

Number a type of live conductors a.c. ☒ d.c. ☐ No. of phases 1 No. of wires 2

Nature of Supply Parameters (Note: (1) by enquiry, (2) by enquiry or by measurement)

Nominal voltage, U/U₀ (1) 230 Nominal frequency, f(1) 50 Hz Confirmation of supply polarity ☒

Prospective fault current, I pf (2) 1.45 kA External loop Impedance, Z_e (2) 0.09 Ω

Supply Protective Device BS 1361 Type 2 Nominal Current Rating 80 A

Other Sources of Supply

8 Particulars of installation referred to in this certificate

Means of Earthing Distributor's facility ☒ Installation earth electrode ☐

Details of installation Earth Electrode (where applicable) Type (e.g. rod(s), tape etc)

Location N/A Electrode resistance to earth N/A Ω

Maximum demand (Load) 80

Main Protective Conductors	Material	Csa (mm ²)	Verified (connection / continuity)
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Earthing Conductor	COPPER	16	<input checked="" type="checkbox"/>	Water installation pipes <input checked="" type="checkbox"/>	Structural steel
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Protective Bonding Conductor	COPPER	16	<input checked="" type="checkbox"/>	Gas installation pipes <input type="checkbox"/>	Lightning protection
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Main Supply Conductor	COPPER	25	<input checked="" type="checkbox"/>	Oil installation pipes <input checked="" type="checkbox"/>	Other
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Main Switch / Switch-Fuse / Circuit Breaker / RCD

Location PASSAGE BS(EN) 60947 No. of Poles 2 Current Rating 100 A

Fuse/device rating or setting A Voltage rating 230 V

If RCD main switch: Rated residual operating current I Δ n = mA Rated time delay ms

Measured operating trip time ms (at I Δ n)

Comments on existing installation (In the case of addition or alteration see Section 633)

(For additions or alterations) cables concealed within trunking and conduits, or cables or conduits concealed under floors, in roof spaces and generally within the fabric of the building or underground may not have been inspected. Schedule of Test Results attached 1 Schedule of Inspections attached 3



NAPIT Electrical Installation Certificate/Inspection Schedule

for Domestic and Similar Premises with up to 100A Supply

Requirements for Electrical Installations – BS 7671: 2008
incorporating Amendment No.3, 2015 [IET Wiring Regulations
17th Edition]

All items inspected to confirm as appropriate, compliance with the
relevant clause in BS 7671

NA/EIC*/MW/SC*

*Please delete as appropriate

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A Schedule of Inspections Outcomes

Insert tick to indicate an inspection has been
carried out and the result is satisfactory



Insert N/A to indicate an inspection is not
applicable to a particular item:

N/A

Item No.	Description	Outcome
1.0	DISTRIBUTOR'S / SUPPLY INTAKE EQUIPMENT	
1.1	Condition of service cable	✓
1.2	Condition of service head	✓
1.3	Condition of distributor's earthing arrangement	✓
1.4	Condition of meter tails - Distributor / Consumer	✓
1.5	Condition of metering equipment	✓
1.6	Condition of isolator (where present)	✓
2.0	PARALLEL OR SWITCHED ALTERNATIVE SOURCES OF SUPPLY	
2.1	Adequate arrangements where a generator set operates as a switched alternative to the public supply [551.6]	N/A
2.2	Adequate arrangements where a generator set operates in parallel with the public supply [551.7]	N/A
3.0	AUTOMATIC DISCONNECTION OF SUPPLY	
3.1	Presence and adequacy of earthing and protective bonding arrangements:	
3.1.1	Installation earth electrode [where applicable] [542.1.2.3]	✓
3.1.2	Earthing conductor and connections, including accessibility [542.3; 543.3.2]	✓
3.1.3	Main protective bonding conductors and connections, including accessibility [411.3.1.2; 543.3.2]	✓
3.1.4	Provision of safety electrical earthing / bonding labels at all appropriate locations [514.13]	✓
3.1.5	RCD(s) provided for fault protection [411.4.9; 411.5.3]	✓
4.0	BASIC PROTECTION	
4.1	Presence and adequacy of measures to provide basic protection (prevention of contact with live parts) within the installation:	
4.1.1	Insulation of live parts e.g. conductors completely covered with durable insulating material [416.1]	✓
4.1.2	Barriers and enclosures e.g. correct IP Rating [416.2]	✓
5.0	ADDITIONAL PROTECTION	
5.1	Presence and effectiveness of additional protection methods:	
5.1.1	RCD(s) not exceeding 30mA operating current [415.1; Part 7] see item 8.14 of this schedule	✓
5.1.2	Supplementary bonding [415.2; Part 7]	✓
6.0	OTHER METHODS OF PROTECTION	
6.1	Presence and effectiveness of methods which give both basic and fault protection:	
6.1.1	SELV system, including the source and associated circuits [Section 414]	✓
6.1.2	PELV system, including the source and associated circuits [Section 414]	✓
6.1.3	Double or reinforced insulation i.e. Class II or equivalent equipment and associated circuits [Section 412]	✓
6.1.4	Electrical separation for one item of equipment e.g. shaver supply unit [Section 413]	✓
7.0	CONSUMER UNIT(S) / DISTRIBUTION BOARD(S)	
7.1	Adequacy of access and working space for items of electrical equipment including switchgear [132.12]	✓
7.2	Presence of linked main switch(s) [537.1.4; 537.1.5; 537.1.6]	✓
7.3	Isolators, for every circuit or group of circuits and all items of equipment [537.2]	✓
7.4	Suitability of enclosure[s] for IP and fire rating [416.2; 421.1.6; 421.1.201]	✓
7.5	Protection against mechanical damage where cables enter equipment [522.8.1; 522.8.11]	✓

Inspector's Name

P. HENRY
09.06.2021

Date

Signature

P. Henry



NAPIT Electrical Installation Certificate/Inspection Schedule

for Domestic and Similar Premises with up to 100A Supply

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NA/EIC*/MW/SC*

*Please delete as appropriate

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Schedule of Inspections

Outcomes

Insert tick to indicate an inspection has been
carried out and the result is satisfactory



Insert N/A to indicate an inspection is
not applicable to a particular item:

N/A

Item No.	Description	Outcome
7.6	Confirmation that ALL conductor connections are correctly located in terminals and are tight and secure [526.1]	✓
7.7	Avoidance of heating effects where cables enter ferromagnetic enclosures e.g. steel [521.5]	✓
7.8	Selection of correct type and ratings of circuit protective devices for overcurrent and fault protection [411.3.2; 411.4, .5, .6; Sections 432, 433]	✓
7.9	Presence of appropriate circuit charts, warning and other notices:	
7.9.1	Provision of circuit charts / schedules or equivalent forms of information [514.9]	N/A
7.9.2	Warning notice of method of isolation where live parts not capable of being isolated by a single device [514.11]	✓
7.9.3	Presence of inspection and testing notice [514.12.1]	✓
7.9.4	RCD quarterly test notice (where required) [514.12.2]	✓
7.9.5	Warning notice If non-standard (mixed) colour of conductors present [514.14]	N/A
7.10	Presence of labels to indicate the purpose of switchgear and protective devices [514.1.1; 514.8]	✓
8.0	CIRCUITS	
8.1	Adequacy of cables for current-carrying capacity with regard for the type and nature of the installation [Section 523]	✓
8.2	Cable installation methods suitable for the location(s) and external influences [Section 522]	✓
8.3	Segregation / separation of Band I (ELV) from Band II (LV) circuits, and electrical and non-electrical services [528]	✓
8.4	Cables correctly erected and supported throughout including escape routes, with protection against abrasion [Sections 521, 522]	✓
8.5	Provision of fire barriers, sealing arrangements where necessary [527.2]	✓
8.6	Non-sheathed cables enclosed throughout in conduit, ducting or trunking [521.10.1; 526.8]	N/A
8.7	Cables concealed under floors, above ceilings or in walls / partitions, adequately protected against damage. [522.6.201; 202; 204]	✓
8.8	Conductors correctly identified by colour, lettering or numbering [Section 514]	✓
8.9	Presence, adequacy and correct termination of protective conductors [411.3.1.1; 543.1]	✓
8.10	Cables and conductors correctly connected, enclosed and with no undue mechanical strain [Section 526]	✓
8.11	No basic insulation of a conductor visible outside enclosure [526.8]	✓
8.12	Single-pole devices for switching or protection in line conductors only [132.14.1; 530.3.2]	✓
8.13	Accessories not damaged, securely fixed, correctly connected, suitable for external influences [134.1.1; 512.2; Section 526]	✓
8.14	Provision of additional protection by RCD not exceeding 30mA:	
8.14.1	Socket-outlets rated at 20 A or less unless exempt [411.3.3]	✓
8.14.2	Mobile equipment with a current rating not exceeding 32 A for use outdoors [411.3.3]	N/A
8.14.3	Cables concealed in walls at a depth of less than 50mm [522.6.202; 522.6.203]	✓
8.14.4	Cables concealed in walls / partitions containing metal parts regardless of depth [522.6.202; 522.6.203]	✓
8.15	Presence of appropriate devices for isolation and switching correctly located including:	
8.15.1	Means of switching off for mechanical maintenance [537.3]	✓
8.15.2	Emergency switches [537.4]	N/A
8.15.3	Functional switches, for control of parts of the installation and current-using equipment [537.5]	✓
8.15.4	Firefighters switches [537.6]	N/A

Inspector's Name

P. Henry

Date

09.06.2021

Signature

P. Henry

NAPIT *Electrical Installation Certificate*/Inspection Schedule

for Domestic and Similar Premises with up to 100A Supply

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NA/EIC*/MW/SC*

**Please delete as appropriate*

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Schedule of Inspections

Outcomes

Insert tick to indicate an inspection has been carried out and the result is satisfactory



Insert N/A to indicate an inspection is not applicable to a particular item:

N/A

[illegible]

Schedule of Tests

Results to be recorded on Schedule of Test Results

✓	External earth loop Impedance, Z_e
N/A	Installation earth electrode
✓	Prospective fault current I_{pf}
✓	Continuity of Earth Conductors
✓	Continuity of Circuit Protective Conductors
✓	Continuity of ring final conductors
✓	Continuity of Protective Bonding Conductors
N/A	Volt drop verified

- ✓ Insulation Resistance between Live conductors
- ✓ Insulation Resistance between Live conductors & Earth Polarity (Prior to energisation)
- ✓ Polarity (prior to energisation)
- ✓ Polarity (after energisation) including phase sequence
- ✓ Earth fault loop impedance
- ✓ RCDs / RCBOs including discrimination
- ✓ Functional testing of devices.

(insert ✓ or N/A)

Inspector's Name

P. HENRY

Date _____

09.06.2024

Signature

P. H.

Client LAZULI INVESTMENTS		Address SUITE 8, EALING HOUSE, 33 HANGAR LANE, LONDON		Postcode W5 3HJ	
Complete in every case					
Location of distribution board		Supply to distribution board is from		No. of phases	
Distribution board designation		Overcurrent protective device for the distribution circuit:		Associated RCD (if any): BS (EN)	
Number of ways		Type BS(EN)	Rating	A	RCD No of Poles
PASSAGR					
16WAY					


CIRCUIT DETAILS

[illegible]

TEST RESULTS

[illegible]

Wiring Types:	A PVC/PVC	B Single insulated in conduit or trunking	C Mineral Insulated	Reference: Methods	1 Clipped direct	2 Embedded in building	3 In conduit
E Xlpe/Swa	D BS:7629-1 (FP200)	F Other		4 In trunking	5 In thermal insulation	6 In underground duct	

Comments on installation		See attached sheets page(s)	1 of 2
Tested by: Name (capital letters)	P. Henry	Position	INSPECTOR
		Signature	
		Date(s)	9 / 6 / 21



NAPIT Electrical Test Sheet

Requirements for Electrical Installations – BS 7671 [IEE Wiring Regulations] and for compliance with Building Regulations Part P
Please complete all the unshaded areas.

This sheet forms part of *Inspection Report Number/*Certificate Number
NA*EC/*PIR
*Delete as applicable
530675
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1

Client LAZULI INVESTMENTS		Address SUITE 8, EALING HOUSE, 33 HANGER LANE, LONDON		Postcode W5 3HJ		
Complete in every case						
Location of distribution board	PASSAGE	Supply to distribution board is from	No. of phases	Nominal Voltage		
Distribution board designation		Overcurrent protective device for the distribution circuit:	Associated RCD (if any): BS (EN)			
Number of ways	16 way	Type BS (EN)	Rating	A	RCD	
Characteristics at this distribution board						
Z _e		Ω	Operating times of	ms		
I _{pf}		kA	associated at 150 mA	ms		
Test instrument number						
Earth fault loop imped.						3302456
Continuity						3302456
Insulation resistance						3302456
RCD						3302456

2

CIRCUIT DETAILS										TEST RESULTS												
Circuit No. and phase	Circuit description	Type of wiring	Ref. method	No. of points served	Circuit conductors		Maximum disconnection time (BS:7671) (s)	Overcurrent protective devices			RCD operating current I _{Δn} (mA)	BS7671 Max. permitted value Z _s Other	Continuity			Insulation resistance			Maximum measured Z _s (Ω)	Date of test (Live)	RCD testing	
					Live (mm ²)	CPC (mm ²)		Type No.	Rating (A)	Short circuit capacity (kA)			Ring final circuits only (measured end to end)	Figure 8 check	All circuits to be complete	Date of test (Dead)	Between live conductors (MΩ)	Phase / Earth (MΩ)			Neutral / Earth (MΩ)	at I _{Δn} ms
1	RCD 2 TOP FLOOR SOCKETS	A Z			2.5	1.5		B	32		30		0.33 0.33 0.56	✓	0.76		200	200	✓	0.99	40	10
2	FIRST FLOOR SOCKETS	A Z			2.5	1.5		B	32		30		0.34 0.34 0.58	✓	0.07		200	200	✓	0.87		
3	GROUND FLOOR SOCKETS	A Z			2.5	1.5		B	32		30		0.28 0.28 0.47	✓	0.19		200	200	✓	0.94		
4	TOP FLOOR LIGHTS	A Z			1.5	1		B	6		30		— — —		0.46	2/6/21	200	200	✓	1.47		
5	OUTENS	A Z			2.5	1.5		B	32		30		0.58 0.58 0.91	✓	0.23		200	200	✓	1.33		
6	EMERGENCY HEATER	A Z			2.5	1.5		B	16		30		— — —		0.7		200	200	✓	1.01		
7	SMOKERS	A Z			1.5	1		B	6		30		— — —		0.34		200	200	✓	1.15		
8	GROUND FLOOR LIGHTS	A Z			1.5	1		B	6		30		— — —		0.16		200	200	✓	1.2		

3

Wiring Types: A PVC/PVC B Single insulated in conduit or trunking C Mineral Insulated	Reference: Methods	1 Clipped direct 2 Embedded in building 3 In conduit
E Xipe/Swa D BS:7629-1 (FP200) F Other	4 In trunking 5 In thermal insulation 6 In underground duct	
Comments on installation		
Tested by: Name (capital letters) P. Henry		
Position INSPECTOR		
See attached sheets page(s) 2 of 2		
Date(s) 9/6/21		